

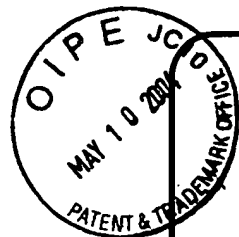
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Express Mail No. ER 893953715 US

Deposited on: 05/10/2004

PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/685,494
Filing Date	10/10/2000
First Named Inventor	Lars Sonneland, et al.
Group Art Unit	2125
Examiner Name	A. W. Paladini
Attorney Docket Number	94.0018

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- ☒ Fee Transmittal Form
- ☒ Fee Attached
- ☒ Amendment / Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☒ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):

See remarks below:

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Remarks

1. Transmittal Form (1 page);
2. Fee Transmittal Form (1 page);
3. Fee Determination Record (1 page);
4. Petition for Extension of Time (1 page);
5. Response to Office Action Dated 11/10/2003 (20 pages);
6. Postcard.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Danita J.M. Maseles, Reg. No. 33,419 Schlumberger Information Solutions, 5599 San Felipe, Suite 1208, Houston, TX 77056
Signature	
Date	May 10, 2004

CERTIFICATE OF MAILING

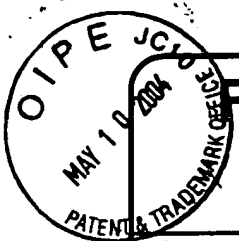
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express mail no. ER 893953715 US in an envelope addressed to the address below on this date: 05/10/2004

Typed or printed name	Danita J.M. Maseles, Reg. No. 33,419		
Signature		Date	May 10, 2004

Mail Stop - Fee Amendment
SEND TO: COMMISSIONER FOR PATENTS
PO Box 1450, Alexandria, VA 22313-1450

Express Mail No.: ER 893953715 US
Date Deposited: 05/10/2004

PTO/SB/17 (10-02)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,552

Complete if Known

Application Number 09/685,494

Filing Date 10/10/2000

First Named Inventor Lars Sonneland

Examiner Name A. W. Paladini

Art Unit 2125

Attorney Docket No. 94.0018

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METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ None

☒ Deposit Account:

Deposit Account Number
Deposit Account Name

07-1078

Schlumberger Information Solutions

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
28	28 - 1 = 27	18	\$0
Independent Claims	11	4 - 1 = 3	\$602
Multiple Dependent			\$0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 602

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	950
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 950

SUBMITTED BY

Name (Print/Type) Danita J.M. Masolas

Registration No. 33,419
(Attorney/Agent)

(Complete if applicable)

Telephone (713) 513-2515

Signature

Date 05/10/2004

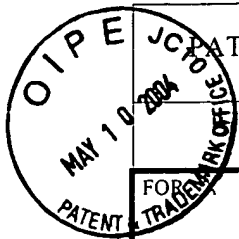
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PTO/SB/06 (08-00)
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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



PATENT APPLICATION FEE DETERMINATION RECORD						Application or Docket Number 09/685,494 94.0018	
CLAIMS AS FILED - PART I						SMALL ENTITY OR OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)					
FOR	NUMBER FILED	NUMBER EXTRA		RATE	FEE	RATE	FEE
BASIC FEE (37 CFR 1.16(a))					\$ 0		\$ 0
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	* 0		x \$ 9 =		x \$ 18 =	0
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	* 0		x 43 =	0	x 86 =	0
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))		0		+ 145 =	0	+ 290 =	0
				TOTAL	0	TOTAL	0
* If the difference in column 1 is less than zero, enter "0" in column 2							
CLAIMS AS AMENDED - PART II						SMALL ENTITY OR OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)		(Column 3)			
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE
	Total (37 CFR 1.16(c))	* 28	Minus	** 28	= 0	x \$ 9 =	0
	Independent (37 CFR 1.16(b))	* 11	Minus	*** 4	= 7	x 43 =	0
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ 145 =	0
						TOTAL	0
(Column 1)		(Column 2)		(Column 3)		ADDITIONAL FEE	
						OR	
						TOTAL	
						602	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE
	Total (37 CFR 1.16(c))	*	Minus	**	=	x \$ 9 =	0
	Independent (37 CFR 1.16(b))	*	Minus	***	=	x 43 =	0
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ 145 =	0
						TOTAL	0
(Column 1)		(Column 2)		(Column 3)		ADDITIONAL FEE	
						OR	
						TOTAL	
						0	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE
	Total (37 CFR 1.16(c))	*	Minus	**	=	x \$ 9 =	0
	Independent (37 CFR 1.16(b))	*	Minus	***	=	x 43 =	0
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ 145 =	0
						TOTAL	0
(Column 1)		(Column 2)		(Column 3)		ADDITIONAL FEE	
						OR	
						TOTAL	
						0	

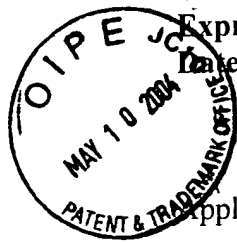
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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Commissioner For Patents, PO Box 1450
Alexandria, VA 22313-1450



Express Mail No. ER 893953715 US
Date Deposited 05/10/2004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Lars Sonneland, et al.)	Art Unit:	2125
)		
Serial No.:	09/685,494)	Examiner:	A. W. Paladini
)		
Filed:	10/10/2000)	Docket No.:	94.0018
)		

For: METHOD AND APPARATUS
FOR GENERATING A CROSS PLOT
IN ATTRIBUTE SPACE FROM A
PLURALITY OF ATTRIBUTE DATA
SETS AND GENERATING A CLASS
DATA SET FROM A CROSS PLOT

RECEIVED
MAY 14 2004
Technology Center 2100

RESPONSE AND AMENDMENT TO OFFICE ACTION DATED
NOVEMBER 10, 2003

Sir:

This is an amendment and response to the Office Action dated November 10,
2003.

AMENDMENTS

Please amend the above-referenced patent application as follows:

05/12/2004 NROCHA1 00000026 071078 09685494

02 FC:1201 602.00 DA